

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Plumas County

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0015_01_s _ 2013_1				
Comment Code					
Inspector Comment					
The LMA has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0015_01_s _ 2013_2				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0015_01_s _ 2013_3				
Comment Code					
Inspector Comment					
The LMA has completed flood flight training in the past.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	0.00	Rating **	M	Issue No.	11
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273168 °	40.297283 °
				-121.244783 °	-121.257025 °
DWR ID	DWR_NA0015_01_f_2015_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the small pine trees and other vegetation from the levee slope.					

Photo 1 of 1 : SP_2016_NA0015_337_11_20160316_00008.jpg



Remove the small pine trees and other vegetation from the levee slope.

LM Start	0.00	Rating **	M	Issue No.	12
LM End	1.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.273168 °	40.297283 °
				-121.244783 °	-121.257025 °
DWR ID	DWR_NA0015_01_f_2015_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove all small pine trees and other vegetation from the levee slope.					

Photo 1 of 1 : SP_2016_NA0015_337_12_20160316_00009.jpg



View of the small pine trees and other vegetation on the slope.

LM Start	0.55	Rating **	M	Issue No.	9
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.279790 °	121.249850 °
				40.279790 °	121.249850 °
DWR ID	DWR_NA0015_01_s_2012_9				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_9_20160316_00007.jpg



View of the vehicle erosion along the waterside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	0.68	Rating **	M	Issue No.	4
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.281480 °	40.281480 °
				-121.250928 °	-121.250928 °
DWR ID	DWR_NA0015_01_s_2013_4				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_4_20160316_00001.jpg



View of the prunings along the landside slope.

LM Start	0.96	Rating **	A/W	Issue No.	5
LM End	0.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.285363 °	40.285363 °
				-121.251973 °	-121.251973 °
DWR ID	DWR_NA0015_01_f_2013_5				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_337_5_20160316_00002.jpg



View of the vehicle erosion along the waterside slope.

LM Start	1.41	Rating **	U	Issue No.	7
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.290758 °	40.291987 °
				-121.255402 °	-121.256072 °
DWR ID	DWR_NA0015_01_f_2014_7				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The landowner needs to replace the material that has been removed from the toe of the levee.					

Photo 1 of 2 : SP_2016_NA0015_337_7_20160316_00004.jpg



View of the area where the contractor has removed the material from toe of the levee.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 North Fork Feather River	Left	1.89	04/27/2016 04/27/2016	Keith Millard

LM Start	1.41	Rating **	U	Issue No.	7 (cont)	
LM End	1.50	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			40.290758 °		40.291987 °
				-121.255402 °		-121.256072 °
DWR ID	DWR_NA0015_01_f_2014_7					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
The landowner needs to replace the material that has been removed from the toe of the levee.						

Photo 2 of 2 : SP_2016_NA0015_337_7_20160316_00005.jpg



View of the area where the contractor has removed the material from toe of the levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2016 04/27/2016	Keith Millard

LM Start	0.03	Rating **	M	Issue No.	1
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286415 °	40.271743 °
				-121.259613 °	-121.246805 °
DWR ID	DWR_NA0015_02_f_2012_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Mow or remove the pine trees and other vegetation from the slope.					

LM Start	0.03	Rating **	M	Issue No.	1 (cont)
LM End	1.36	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2016_NA0015_338_1_20160316_00001.jpg



View of the small pine trees growing on the landside slope.

Photo 2 of 2 : SP_2016_NA0015_338_1_20160316_00002.jpg



View of the small pine trees and other vegetation growing on the slope.

LM Start	0.03	Rating **	M	Issue No.	2
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.286415 °	40.271743 °
				-121.259613 °	-121.246805 °
DWR ID	DWR_NA0015_02_f_2012_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Mow or remove the pine trees and other vegetation from the slope.					

Photo 1 of 2 : SP_2016_NA0015_338_2_20160316_00003.jpg



View of the small pine trees growing on the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2016 04/27/2016	Keith Millard

LM Start	0.03	Rating **	M	Issue No.	2 (cont)	
LM End	1.36	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			40.286415 °		40.271743 °
				-121.259613 °		-121.246805 °
DWR ID	DWR_NA0015_02_f_2012_2					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Mow or remove the pine trees and other vegetation from the slope.						

Photo 2 of 2 : SP_2016_NA0015_338_2_20160316_00004.jpg



View of the small pine trees and other vegetation growing on the slope.

LM Start	0.46	Rating **	M	Issue No.	6
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.283059 °	40.283059 °
				-121.253989 °	-121.253989 °
DWR ID	DWR_NA0015_02_f_2013_6				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2016_NA0015_338_6_20160316_00007.jpg



View of the vehicle erosion on the landside slope.

LM Start	0.46	Rating **	M	Issue No.	6 (cont)
LM End	0.46	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2016_NA0015_338_6_20160316_00008.jpg



View of the vehicle erosion on the waterside slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 North Fork Feather River	Right	1.36	04/27/2016 04/27/2016	Keith Millard

LM Start	0.55	Rating **	M	Issue No.	4
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.281950 °	121.253710 °
				40.281950 °	121.253710 °
DWR ID	DWR_NA0015_02_s _ 2012_4				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_338_4_20160316_00005.jpg



View of the slope instability cause by vehicle along the landside slope.

LM Start	0.55	Rating **	M	Issue No.	5
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.281950 °	121.253710 °
				40.281950 °	121.253710 °
DWR ID	DWR_NA0015_02_s _ 2012_5				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0015_338_5_20160316_00006.jpg



View of the vehicle erosion on the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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